

File: Photographic
to: Instrumentation
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Photogrammetry
P-143
related Tech Info
Task #
RD-395.9.

CONFIDENTIAL

7 October 1953

**A PROPOSAL FOR THE TEST AND EVALUATION OF THE 150 INCH
REFLECTAR LENS**

1. Photogrammetry, Inc., proposes to test and evaluate:

One 150 inch Reflectar Lens, speed f/25, including Dehumidifier, Focusing Arrangement comprising rack and pinion, and Camera Mount to fit Alpa Camera Model 5.

2. To fully exploit the performance of the 150 inch Reflectar for operating conditions as may be required by the Contracting Officer's representatives, it is necessary to include suitable filters and a stable tripod. Normally, a costly and heavy motion picture tripod lacking a motion for rotation about the optical axis is used. A modified Davis and Sanford tripod is recommended since it is less expensive, significantly lighter and has universal motion. Actually, the 150 inch Reflectar should be mounted to a stable platform similar to a telescope for optimum performance.

3. It is also recommended that an Abney level be mounted to the lens housing for angular orientation data.

4. A delivery period for the lens of approximately four months has been officially received from the Zoomar Corporation. However, there is a possibility that Photogrammetry, Inc., may be able to expedite delivery within a shorter period if required by the Contracting Officer. Photogrammetry, Inc., will require an additional month to test and evaluate.

PHOTOGRAMMETRY, INC.

G. T. McNeil

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SECURITY INFORMATION

ESTIMATED COST ANALYSIS
COST-PLUS-A-FIXED-FEE CONTRACT

	<u>AMOUNT</u>	<u>PERCENT OF COST</u>
1. DIRECT MATERIAL AND SERVICES.	\$4,100.00	75.93
(a) 150 inch Reflector Lens....\$3,763.00		
(b) Modified tripod..... 237.00		
(c) Mounted filters..... 50.00		
(d) Mounted Abney Level..... 50.00		
2. TRAVEL	35.00	0.65
3. COMMUNICATION CHARGES	5.00	0.09
4. ENGINEERING AND DEVELOPMENT SALARIES-DIRECT:	700.00	12.96
(200 m/hrs at \$3.50)		
5. GENERAL AND ADMINISTRATION EXPENSE-INDIRECT:	560.00	10.37
(80% of Direct Salaries)		
(a) General Engineering Salaries..... 5%		
(b) General Office Salaries..... 20		
(c) Rent..... 16		
(d) Leave (Annual, Sick and Holiday).. 12		
(e) Supplies..... 6		
(f) Retirement..... 6		
(g) Other Expenses..... <u>15</u>		
Total..... 80%		
6. TOTAL COST	<u>\$5,400.00</u>	<u>100.00</u>
7. OPERATING PROFIT	<u>378.00</u>	<u>7.00</u>
8. SELLING PRICE	\$5,778.00	107.00

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